

Dkt. 72067-A-PCT-US/JPW/CH

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jingyue Ju
U.S. Serial No. : 10/591,520
Filed : as \$371 national stage of
PCT/US2005/006960
For : PHOTOCLEAVABLE FLUORESCENT
NUCLEOTIDES FOR DNA SEQUENCING
ON CHIP CONSTRUCTED BY SITE-
SPECIFIC COUPLING CHEMISTRY

1185 Avenue of the Americas
New York, New York 10036
June 4, 2007

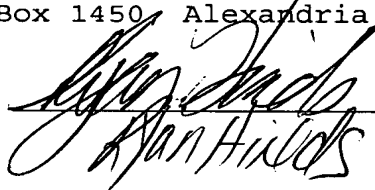
Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

EXPRESS MAIL CERTIFICATE OF MAILING
FOR ABOVE-IDENTIFIED APPLICATION

"Express Mail" mailing label number: EV 974 448 966 US
Date of Deposit: June 4, 2007

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Printed Name: _____



Respectfully submitted,



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Registration No. 28,678
Attorney for the Applicants
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New York, New York 10036
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06/07/2007 LLANDGRA 00000028 10591520

01 FC:2617 65.00 OP
02 FC:2614 100.00 OP

1185 Avenue of the Americas
New York, New York 10036
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**COMMUNICATION IN RESPONSE TO APRIL 4, 2007
NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN
THE UNITED STATES DESIGNATION/ELECTED OFFICE (DO/EO/US)
AND PETITION FOR ONE-MONTH EXTENSION OF TIME**

This Communication is submitted in response to the April 4, 2007 Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) issued by the United States Patent and Trademark Office in connection with the above-identified application. The April 4, 2007 Notice, a copy of which is attached hereto as **Exhibit A**, provides two (2) months for filing a response. Therefore, a response to the April 4, 2007 Notice is due June 4, 2007. Accordingly, this Communication is being timely filed. The required fees are \$65.00 for late filing of the inventor's declaration and \$100.00 for one (1) independent claim over three (3). A check in the amount of \$165.00 is enclosed.

The April 4, 2007 Notice indicates that the oath or declaration is not executed in accordance with 37 C.F.R. §1.66 and §1.68. In response, applicant submits as **Exhibit B** a

Applicant: Jingyue Ju
U.S. Serial No.: 10/591,520
Filed: as \$371 national stage of PCT/US2005/006960
Page 2

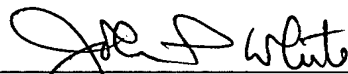
signed Declaration and Power of Attorney pursuant to 37 C.F.R. \$1.497. In compliance with 37 C.F.R. \$1.497(a) and (b), the Declaration refers to the application's above-identified serial number, international application number and international filing date.

In addition, applicants attach hereto as **Exhibit C** a Verified Statement (Declaration) Claiming Small Entity Status under 37 C.F.R. \$1.9(f) and \$1.27(d) in connection with the above-identified application signed by Gonzalo Merino on behalf of The Trustees of Columbia University in the City of New York.

If a telephone interview would be of assistance in advancing prosecution of the subject application, applicant's undersigned attorney invites the Examiner to telephone him at the number provided below.

No fee, other than the \$65.00 declaration surcharge and the \$100.00 excess claim fee, is deemed necessary in connection with the filing of this response. Accordingly, a check in the amount of \$165.00 is enclosed. However, if any additional fee is required, authorization is hereby given to charge the amount of such fee to Deposit Account No. 03-3125.

Respectfully submitted,



John P. White
Registration No. 28,678
Attorney for Applicants
Cooper & Dunham LLP
1185 Avenue of the Americas
New York, New York 10036
(212) 278-0400

EXHIBIT A

0575/72067-A-PCT-US

JPW/BJ



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/591,520	Jingyue Ju	72067-A-PCT-US/JPW/CH

23432
 COOPER & DUNHAM, LLP
 1185 AVENUE OF THE AMERICAS
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2110 - 6/14/07
 3m0 - 7/14/07
 4m0 - 8/14/07
 5m0 - 9/14/07
 6m0 - 10/14/07
 7m0 - 11/14/07

INTERNATIONAL APPLICATION NO.

PCT/US05/06960

I.A. FILING DATE PRIORITY DATE

03/03/2005

03/03/2004

CONFIRMATION NO. 9369

371 FORMALITIES LETTER



OC000000023229430

Date Mailed: 04/04/2007

APR 9 2007

ML ✓

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 09/01/2006
- Copy of the International Search Report filed on 09/01/2006
- Preliminary Amendments filed on 09/01/2006
- Information Disclosure Statements filed on 09/01/2006
- Biochemical Sequence Diskette filed on 09/01/2006
- Oath or Declaration filed on 09/01/2006
- Biochemical Sequence Listing filed on 09/01/2006
- Small Entity Statement filed on 09/01/2006
- Request for Immediate Examination filed on 09/01/2006
- U.S. Basic National Fees filed on 09/01/2006
- Priority Documents filed on 09/01/2006
- Specification filed on 09/01/2006
- Claims filed on 09/01/2006
- Abstracts filed on 09/01/2006
- Drawings filed on 09/01/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$100 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

Applicant: Jingyue Ju
 U.S. Serial No. 10/591,520
 Filed: as §371 national stage of
 PCT/US2005/006960
 Exhibit A

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$165** for a Small Entity:

- **\$65** Surcharge.
- Total additional claim fee(s) for this application is **\$ 100**
 - **\$100** for 1 independent claims over 3.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

WINSTON M ALVARADO

Telephone: (703) 308-9140 EXT 206

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/591,520	PCT/US05/06960	72067-A-PCT-US/JPW/CH